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Cell envelope; Outer membrane protein; Peptidoglycan-protein complex; Prochloraceae; *Prochlorothrix hollandica* (Jürgens, U.J. (70) 125)

Cell wall hydrolysis
Penicillium oxalicum; β-Glucanase; Autolysis; β-Glucan (Copa-Patiño, J.L. (70) 233)

Cephaloridine
YompF protein; YompC protein; Nitrocefin (Brzostek, K. (70) 275)

Cephalosporinase
Nucleotide sequence; Sequence comparison; Gene *ampC*; *Serratia marcescens* (Nomura, K. (70) 295)

Chicken
Salmonella enteritidis; Phage type 4; Invasiveness (Hinton, M. (70) 193)

Clinical
Zidovudine; Enterobacterial resistance; Thymidine kinase (Lewin, C.S. (70) 141)

Cloning
Carbon monoxide; Carbon monoxide dehydrogenase; Carboxydotrophic bacterium; *Pseudomonas thermocarboxydovorans* C2; Immunological screening; Restriction analysis; Western blot analysis; Expression (Black, G.W. (70) 249)

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Dehydration; 4-Hydroxybutyryl-CoA; Radical mechanism (Willadsen, P. (70) 187)

Clostridium difficile
Toxin A; Nucleotide sequence; PCR (Wren, B.W. (70) 1)

Clostridium perfringens 3624A Rif^r Str^r
Electrotransformation (Allen, S.P. (70) 217)

Coenzyme F_{420}
Methanosarcina barkeri; Methanogenesis; Methanopterin; Methylenetetrahydromethanopterin reductase (Ma, K. (70) 119)

Colony hybridization
Obligate methanotroph; Soluble methane monooxygenase gene (Stainthorpe, A.C. (70) 211)

***p*-Coumaric acid**
Coumarin; *Neocallimastix patriciarum; Neocallimastix frontalis* (Cansunar, E. (70) 157)

Coumarin
p-Coumaric acid; *Neocallimastix patriciarum; Neocallimastix frontalis* (Cansunar, E. (70) 157)

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Trypanosoma cruzi; Cysteine proteinase; IgG degradation; Fc degradation (Bontempi, E. (70) 337)

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Alcaligenes eutrophus; Native poly(3-hydroxybutyrate) granule; Structure (Kawaguchi, Y. (70) 151)

Cysteine proteinase
Trypanosoma cruzi; Cruzipain; IgG degradation; Fc degradation (Bontempi, E. (70) 337)

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Cytotoxin
Campylobacter jejuni; Campylobacter coli (Cover, T.L. (70) 301)

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Dehydration
Clostridium aminobutyricum; 4-Hydroxybutyryl-CoA; Radical mechanism (Willadsen, P. (70) 187)

Diamine
Decarboxylase; *Enterobacter*; Polyamine distribution (Nakao, H. (70) 61)

Diaminopropane
Polyamine; Hydroxyputrescine; Homospermidine; *Thiobacillus* (Hamana, K. (70) 347)

Dihydrofolate reductase gene
DNA probe; Trimethoprim resistance (Towner, K.J. (70) 19)

Dimethylsulfoxide
Halobacterium; *Haloferax*; *Haloarcula*; Archaeobacteria; Trimethylamine *N*-oxide; Anaerobic growth (Oren, A. (70) 33)

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DNA hybridization
Azolla; *Anabaena*; Symbiosis; *Agrobacterium*; Plasmid (Plazinski, J. (70) 55)

DNA probe
Dihydrofolate reductase gene; Trimethoprim resistance (Towner, K.J. (70) 19)

Double stranded RNA
Saccharomyces cerevisiae; Killer activity; Electroinjection (Salek, A. (70) 67)

Electroinjection
Saccharomyces cerevisiae; Killer activity; Double stranded RNA (Salek, A. (70) 67)

Electron microscopy
Mycobacterium; Capsule; Immunocytochemistry (Rastogi, N. (70) 161)

Electroporation
Bacterial genetics; Plasmid; Transformation; *Pseudomonas*; Recombinant DNA (Farinha, M.A. (70) 221)

Electrotransformation
Clostridium perfringens 3624A Rif^r Str^r (Allen, S.P. (70) 217)

Enterobacter
Decarboxylase; Polyamine distribution; Diamine (Nakao, H. (70) 61)

Enterobacterial resistance
Zidovudine; Clinical; Thymidine kinase (Lewin, C.S. (70) 141)

Enterococcus faecalis
Vancomycin; Teicoplanin; Glycopeptide resistance; *Enterococcus faecium* (Al-Obeid, S. (70) 101)

Enterococcus faecium
Vancomycin; Teicoplanin; Glycopeptide resistance; *Enterococcus faecalis* (Al-Obeid, S. (70) 101)

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human septicemia; Virulence: O serogroups (Cherifi, A. (70) 279)

Expression
Carbon monoxide; Carbon monoxide dehydrogenase; Carboxydotrophic bacterium; *Pseudomonas thermocarboxydovorans* C2; Immunological screening; Cloning; Restriction analysis; Western blot analysis (Black, G.W. (70) 249)

Extracellular protein
Staphylococcus aureus; Rifampicin-resistant mutants (Al-Ani, B. (70) 91)

Extracellular vesicle
Virulence; Protease (Smalley, J.W. (70) 317)

Fc degradation
Trypanosoma cruzi; Cysteine proteinase; Cruzipain; IgG degradation (Bontempi, E. (70) 337)

Frankia
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Galactomannoglucan
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G_6-amylase gene
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Gel electrophoresis
Bacterial identification; Whole-cell protein (Hantula, J. (70) 325)

***pab* Gene**
Streptomyces griseus; Candicidin; Hybridization (Gil, J.A. (70) 15)

Gene *ampC*
Nucleotide sequence; Sequence comparison; Cephalosporinase; *Serratia marcescens* (Nomura, K. (70) 295)

Gliocladium viride
Wall material; Galactomannoglucan (Gòmez-Miranda, B. (70) 331)

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Penicillium oxalicum; β-Glucanase; Autolysis; Cell wall hydrolysis (Copa-Patiño, J.L. (70) 233)

β-Glucanase
Penicillium oxalicum; Autolysis; Cell wall hydrolysis; β-Glucan (Copa-Patiño, J.L. (70) 233)

Glucose uptake
Vibrio; Starvation; Binding protein (Albertson, N.H. (70) 205)

Glycopeptide resistance
Vancomycin; Teicoplanin; *Enterococcus faecium*; *Enterococcus faecalis* (Al-Obeid, S. (70) 101)

Haloarcula
Halobacterium; *Haloferax*; Archaeobacteria; Dimethylsulfoxide; Trimethylamine *N*-oxide; Anaerobic growth (Oren, A. (70) 33)

Halobacterium
Haloferax; *Haloarcula*; Archaeobacteria; Dimethylsulfoxide; Trimethylamine *N*-oxide; Anaerobic growth (Oren, A. (70) 33)

Haloferax
Halobacterium; *Haloarcula*; Archaeobacteria; Dimethylsulfoxide; Trimethylamine *N*-oxide; Anaerobic growth (Oren, A. (70) 33)

Homospermidine
Polyamine; Hydroxyputrescine; Diaminopropane; *Thiobacillus* (Hamana, K. (70) 347)

Human septicemia
Escherichia coli; Virulence: O serogroups (Cherifi, A. (70) 279)

Hybridization
Streptomyces griseus; Candicidin; *pab* Gene (Gil, J.A. (70) 15)

Hydrogenase
Casuarina; *Frankia*; Nickel; Nitrogen fixation (Sellstedt, A. (70) 137)

Methanosarcina; Transition metal ion (Bhosale, S.B. (70) 241)

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Hydroxyputrescine
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IgG degradation
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Mycobacterium; Capsule; Electron microscopy (Rastogi, N. (70) 161)

Immunological screening
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Invasiveness
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Iron
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Serum susceptibility; Outer membrane; *Neisseria meningitidis* (Criado, M.T. (70) 145)

Iron-oxidizers
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Isoelectric focusing
SDS–PAGE; *Brucella*; Immunoblotting (Zygmunt, M.S. (70) 263)

Killer activity
Saccharomyces cerevisiae; Double stranded RNA; Electroinjection (Salek, A. (70) 67)

β-Lactamase induction
Escherichia coli; *Bacillus licheniformis*; BLAR-CTD (Joris, B. (70) 107)

Lactic acid bacterium
Aerococcus; *Pediococcus*; *Tetragenococcus* gen. nov.; Phylogeny; 16S rRNA (Collins, M.D. (70) 255)

Lactobacillus
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***Legionella pneumophila recA* gene**
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Leptospirillum ferrooxidans
Cytochrome; Iron-oxidizers; Acidophiles (Barr, D.W. (70) 85)

Leuconostoc
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α_2-Macroglobulin
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Malate dehydrogenase
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Methanopterin
Methanosarcina barkeri; Methanogenesis; Coenzyme F_{420}; Methylenetetrahydromethanopterin reductase (Ma, K. (70) 119)

Methanosarcina
Hydrogenase; Transition metal ion (Bhosale, S.B. (70) 241)

Methanosarcina barkeri
Methanogenesis; Coenzyme F_{420}; Methanopterin; Methylenetetrahydromethanopterin reductase (Ma, K. (70) 119)

Methylenetetrahydromethanopterin reductase
Methanosarcina barkeri; Methanogenesis; Coenzyme F_{420}; Methanopterin (Ma, K. (70) 119)

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Native poly(3-hydroxybutyrate) granule
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Neocallimastix frontalis
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Neocallimastix patriciarum
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Nickel
Casuarina; *Frankia*; Hydrogenase; Nitrogen fixation (Sellstedt, A. (70) 137)

Nitrocefin
YompF protein; YompC protein; Cephaloridine (Brzostek, K. (70) 275)

Nitrogen fixation
Casuarina; *Frankia*; Hydrogenase; Nickel (Sellstedt, A. (70) 137)

Nucleotide sequence
Clostridium difficile; Toxin A; PCR (Wren, B.W. (70) 1)

Malate dehydrogenase; Succinyl-CoA synthetase; *Thermus*; Amino acid sequence; Enzyme isolation (Nicholls, D.J. (70) 7)

G_6-amylase gene; Bacillus sp. H-167 (Shirokizawa, O. (70) 131)

Mycobacterium intracellulare; Phylogeny (Böddinghaus, B. (70) 197)

Legionella pneumophila recA gene (Zhao, X. (70) 227)

Sequence comparison; Cephalosporinase; Gene *ampC*; *Serratia marcescens* (Nomura, K. (70) 295)

Obligate methanotroph
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Outer membrane
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Cell envelope; Cell wall; Peptidoglycan-protein complex; Prochloraceae; *Prochlorothrix hollandica* (Jürgens, U.J. (70) 125)

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PCR
Clostridium difficile; Toxin A; Nucleotide sequence (Wren, B.W. (70) 1)

Pediococcus
Aerococcus; *Tetragenococcus* gen. nov.; Lactic acid bacterium; Phylogeny; 16S rRNA (Collins, M.D. (70) 255)

Penicillium oxalicum
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Peptide carrier
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Peptide permease
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Peptide transport; Peptide carrier; Peptide prodrug; Synthetic antibiotic; Antibiotic synergism (Smith, M.W. (70) 311)

Peptide prodrug
Peptide permease; Peptide transport; Peptide carrier; Synthetic antibiotic; Antibiotic synergism (Smith, M.W. (70) 311)

Peptide transport
Peptide permease; Peptide carrier; Peptide prodrug; Synthetic antibiotic; Antibiotic synergism (Smith, M.W. (70) 311)

Peptidoglycan-protein complex
Cell envelope; Cell wall; Outer membrane protein; Prochloraceae; *Prochlorothrix hollandica* (Jürgens, U.J. (70) 125)

Phage type 4
Salmonella enteritidis; Invasiveness; Chicken (Hinton, M. (70) 193)

Phagocytosis
Streptococcus; α_2-Macroglobulin; Polymorphonuclear neutrophil (Valentin-Weigand, P. (70) 321)

Phylogeny
Leuconostoc; *Lactobacillus*; Taxonomy; rRNA (Martinez-Murcia, A.J. (70) 73)

Mycobacterium intracellulare; Nucleotide sequence (Böddinghaus, B. (70) 197)

Aerococcus; *Pediococcus*; *Tetragenococcus* gen. nov.; Lactic acid bacterium; 16S rRNA (Collins, M.D. (70) 255)

Plasmid
Azolla; *Anabaena*; Symbiosis; *Agrobacterium*; DNA hybridization (Plazinski, J. (70) 55)

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Plasmid selection
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Plasmid stability
Quantitative cloning; Transformation; Plasmid selection (Von Tersch, M.A. (70) 305)

Pneumocystis carinii
Separation; Unit gravity sedimentation (Taylor, M.B. (70) 49)

Polyamine
Hydroxyputrescine; Diaminopropane; Homospermidine; *Thiobacillus* (Hamana, K. (70) 347)

Carboxydobacteria; *Pseudomonas*; Hydroxypolyamine (Hamana, K. (70) 353)

Polyamine distribution
Decarboxylase; *Enterobacter*; Diamine (Nakao, H. (70) 61)

Polymorphonuclear neutrophil
Streptococcus; Phagocytosis; α_2-Macroglobulin (Valentin-Weigand, P. (70) 321)

Prochloraceae
Cell envelope; Cell wall; Outer membrane protein; Peptidoglycan-protein complex; *Prochlorothrix hollandica* (Jürgens, U.J. (70) 125)

Prochlorothrix hollandica
Cell envelope; Cell wall; Outer membrane protein; Peptidoglycan-protein complex; Prochloraceae (Jürgens, U.J. (70) 125)

Protease
Virulence; Extracellular vesicle (Smalley, J.W. (70) 317)

Pseudomonas
Bacterial genetics; Plasmid; Electroporation; Transformation; Recombinant DNA (Farinha, M.A. (70) 221)

Carboxydobacteria; Polyamine; Hydroxypolyamine (Hamana, K. (70) 353)

Pseudomonas aeruginosa
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***Pseudomonas thermocarboxydovorans* C2**
Carbon monoxide; Carbon monoxide dehydrogenase; Carboxydotrophic bacterium; Immunological screening; Cloning; Restriction analysis; Western blot analysis; Expression (Black, G.W. (70) 249)

Pyrococcus woesei
Aminoglycoside antibiotic; Archaebacterium; Thermophilic bacterium (Catani, M.V. (70) 285)

Quantitative cloning
Transformation; Plasmid selection; Plasmid stability (Von Tersch, M.A. (70) 305)

Radical mechanism
Clostridium aminobutyricum; Dehydration; 4-Hydroxybutyryl-CoA (Willadsen, P. (70) 187)

Recombinant DNA
Bacterial genetics; Plasmid; Electroporation; Transformation; *Pseudomonas* (Farinha, M.A. (70) 221)

Restriction analysis
Carbon monoxide; Carbon monoxide dehydrogenase; Carboxydotrophic bacterium; *Pseudomonas thermocarboxydovorans* C2; Immunological screening; Cloning; Western blot analysis; Expression (Black, G.W. (70) 249)

Ribulose bisphosphate carboxylase
Symbiodinium sp.; Dinoflagellate (Gerberding, H. (70) 343)

Rifampicin-resistant mutants
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Rumen
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Saccharomyces cerevisiae
Killer activity; Double stranded RNA; Electroinjection (Salek, A. (70) 67)

Salmonella enteritidis
Phage type 4; Invasiveness; Chicken (Hinton, M. (70) 193)

SDS–PAGE
Isoelectric focusing; *Brucella*; Immunoblotting (Zygmunt, M.S. (70) 263)

Separation
Pneumocystis carinii; Unit gravity sedimentation (Taylor, M.B. (70) 49)

Sequence comparison
Nucleotide sequence; Cephalosporinase; Gene *ampC*; *Serratia marcescens* (Nomura, K. (70) 295)

Serratia marcescens
Outer membrane protein (Tada, Y. (70) 115)

Nucleotide sequence; Sequence comparison; Cephalosporinase; Gene *ampC* (Nomura, K. (70) 295)

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Soluble methane monooxygenase gene
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Staphylococcus aureus
Extracellular protein; Rifampicin-resistant mutants (Al-Ani, B. (70) 91)

Staphylolytic activity
Staphylolytic protease; *Pseudomonas aeruginosa* (Carnicero, A. (70) 171)

Staphylolytic protease
Staphylolytic activity; *Pseudomonas aeruginosa* (Carnicero, A. (70) 171)

Starvation
Glucose uptake; Vibrio; Binding protein (Albertson, N.H. (70) 205)

Streptococcus
Phagocytosis; α_2-Macroglobulin; Polymorphonuclear neutrophil (Valentin-Weigand, P. (70) 321)

Streptomyces avermitilis
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Streptomyces griseus
Candicidin; *pab* Gene; Hybridization (Gil, J.A. (70) 15)

Structure
Alcaligenes eutrophus; Native poly(3-hydroxybutyrate) granule; Crystallization (Kawaguchi, Y. (70) 151)

Succinyl-CoA synthetase
Malate dehydrogenase; *Thermus*; Nucleotide sequence; Amino acid sequence; Enzyme isolation (Nicholls, D.J. (70) 7)

***Symbiodinium* sp.**
Ribulose bisphosphate carboxylase; Dinoflagellate (Gerberding, H. (70) 343)

Symbiosis
Azolla; *Anabaena*; *Agrobacterium*; Plasmid; DNA hybridization (Plazinski, J. (70) 55)

Synthetic antibiotic
Peptide permease; Peptide transport; Peptide carrier; Peptide prodrug; Antibiotic synergism (Smith, M.W. (70) 311)

Taxonomy
Leuconostoc; *Lactobacillus*; Phylogeny; rRNA (Martinez-Murcia, A.J. (70) 73)

Teicoplanin
Vancomycin; Glycopeptide resistance; *Enterococcus faecium*; *Enterococcus faecalis* (Al-Obeid, S. (70) 101)

***Tetragenococcus* gen. nov.**
Aerococcus; *Pediococcus*; Lactic acid bacterium; Phylogeny; 16S rRNA (Collins, M.D. (70) 255)

Thermophilic bacterium
Aminoglycoside antibiotic; Archaebacterium; *Pyrococcus woesei* (Catani, M.V. (70) 285)

Thermus
Malate dehydrogenase; Succinyl-CoA synthetase; Nucleotide sequence; Amino acid sequence; Enzyme isolation (Nicholls, D.J. (70) 7)

Thiobacillus
Polyamine; Hydroxyputrescine; Diaminopropane; Homospermidine (Hamana, K. (70) 347)

Thymidine kinase
Zidovudine; Enterobacterial resistance; Clinical (Lewin, C.S. (70) 141)

Toxin A
Clostridium difficile; Nucleotide sequence; PCR (Wren, B.W. (70) 1)

Transformation
Bacterial genetics; Plasmid; Electroporation; *Pseudomonas*; Recombinant DNA (Farinha, M.A. (70) 221)

Quantitative cloning; Plasmid selection; Plasmid stability (Von Tersch, M.A. (70) 305)

Transition metal ion
Methanosarcina; Hydrogenase (Bhosale, S.B. (70) 241)

Transport
Aminophosphonate; Peptide permease (Zboińska, E. (70) 23)

Trichosporon adeninovorans
Lysine biosynthesis; α-Aminoadipate-semialdehyde dehydrogenase (Schmidt, H. (70) 41)

Trimethoprim resistance
Dihydrofolate reductase gene; DNA probe (Towner, K.J. (70) 19)

Trimethylamine *N*-oxide
Halobacterium; *Haloferax*; *Haloarcula*; Archaeobacteria; Dimethylsulfoxide; Anaerobic growth (Oren, A. (70) 33)

Trypanosoma cruzi
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Unit gravity sedimentation
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Vancomycin
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Glucose uptake; Starvation; Binding protein (Albertson, N.H. (70) 205)

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Escherichia coli; human septicemia (Cherifi, A. (70) 279)

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Galactomannoglucan; *Gliocladium viride* (Gòmez-Miranda, B. (70) 331)

Western blot analysis
Carbon monoxide; Carbon monoxide dehydrogenase; Carboxydotrophic bacterium; *Pseudomonas thermocarboxydovorans* C2; Immunological screening; Cloning; Restriction analysis; Expression (Black, G.W. (70) 249)

Whole-cell protein
Gel electrophoresis; Bacterial identification (Hantula, J. (70) 325)

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YompF protein
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Zidovudine
Enterobacterial resistance; Clinical; Thymidine kinase (Lewin, C.S. (70) 141)